

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049887.D
 Acq On : 17 Aug 2021 21:16
 Operator : CG/JU
 Sample : M3431-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3

Quant Time: Aug 18 05:44:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

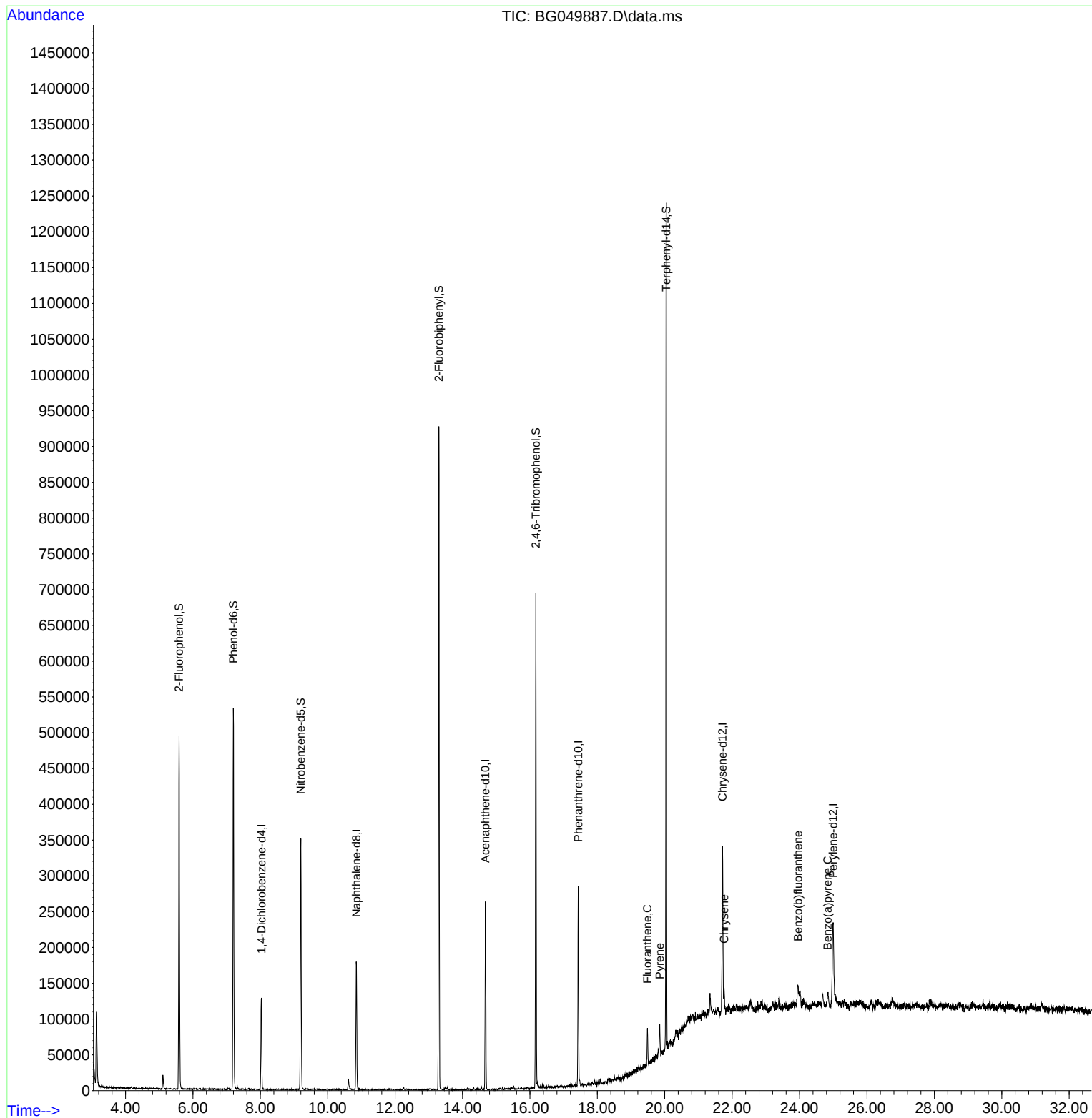
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	37459	20.000	ng	# 0.00
21) Naphthalene-d8	10.846	136	150614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.676	164	93153	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	172953	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	136854	20.000	ng	0.00
86) Perylene-d12	24.998	264	138926	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.589	112	208690	99.869	ng	0.01
7) Phenol-d6	7.198	99	297800	94.146	ng	0.00
23) Nitrobenzene-d5	9.202	82	220710	64.846	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	134787	98.440	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	461138	72.031	ng	0.00
79) Terphenyl-d14	20.046	244	551940	73.249	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.488	202	32646	2.916	ng	98
78) Pyrene	19.852	202	31023	3.325	ng	97
83) Chrysene	21.761	228	24927	2.926	ng	93
88) Benzo(b)fluoranthene	23.958	252	38742	4.252	ng	# 89
90) Benzo(a)pyrene	24.833	252	21947	2.662	ng	# 87

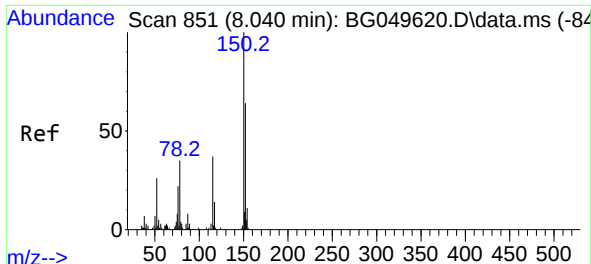
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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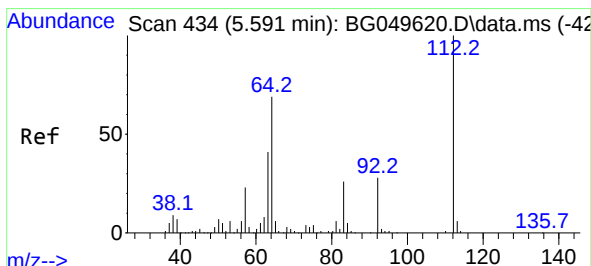
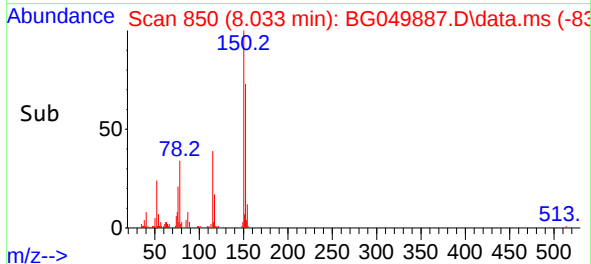
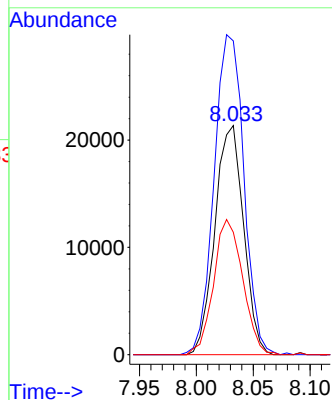
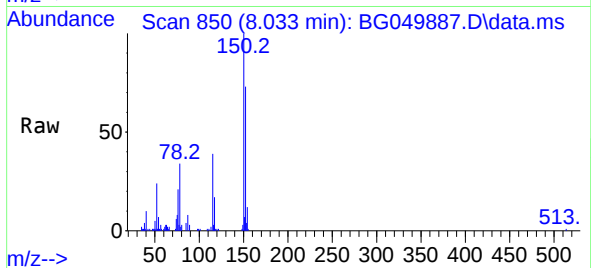




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.033 min Scan# 850
Delta R.T. 0.005 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

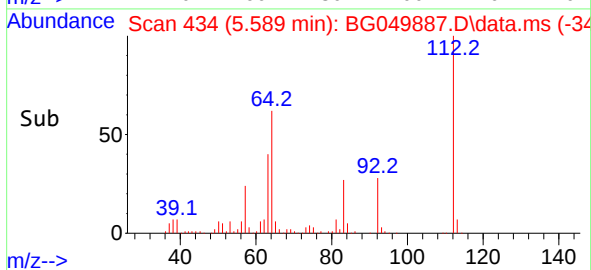
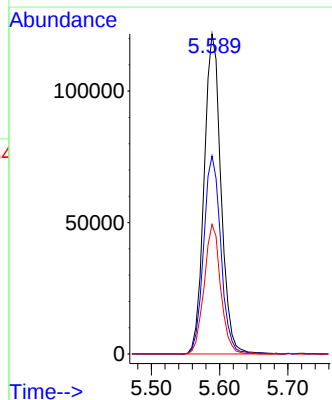
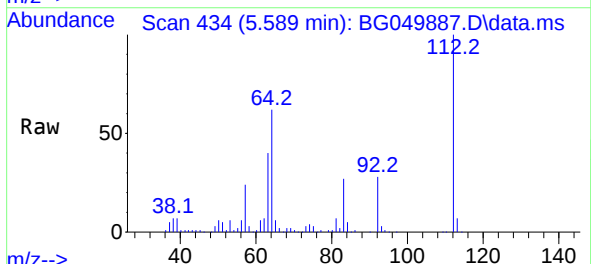
Instrument :
BNA_G
ClientSampled :
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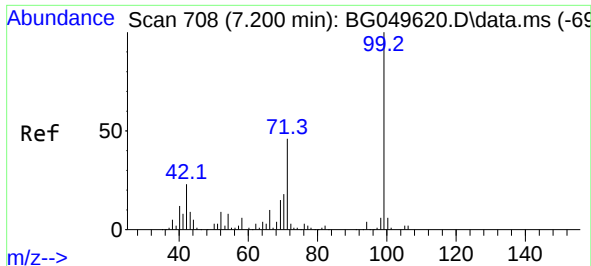
Tgt Ion:152 Resp: 37459
Ion Ratio Lower Upper
152 100
150 136.9 119.4 179.0
115 53.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 99.869 ng
RT: 5.589 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:112 Resp: 208690
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 40.5 35.3 52.9

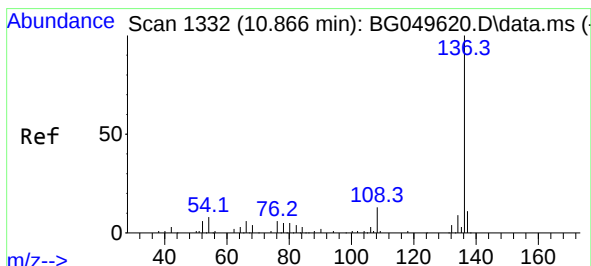
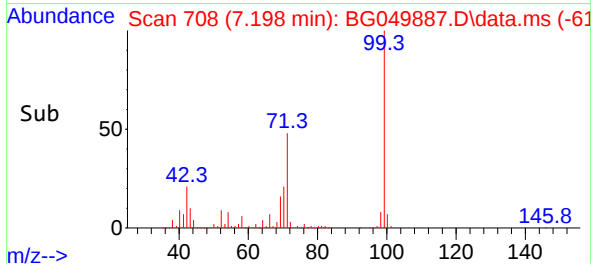
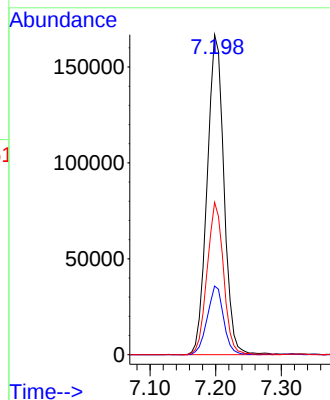
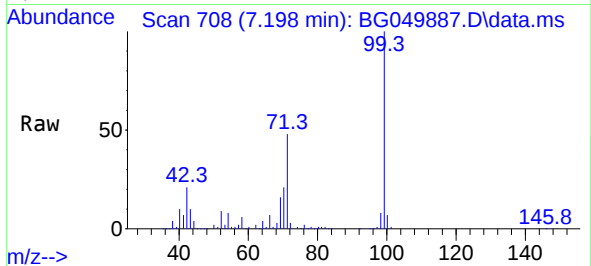




#7
Phenol-d6
Concen: 94.146 ng
RT: 7.198 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

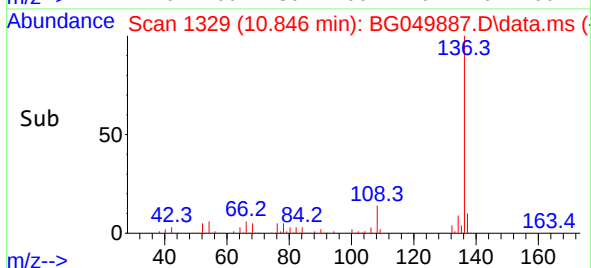
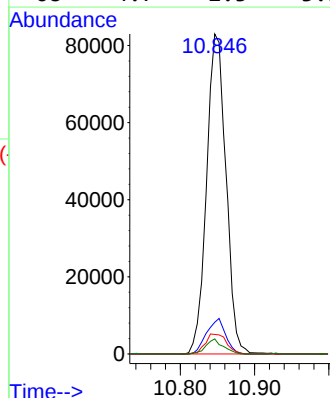
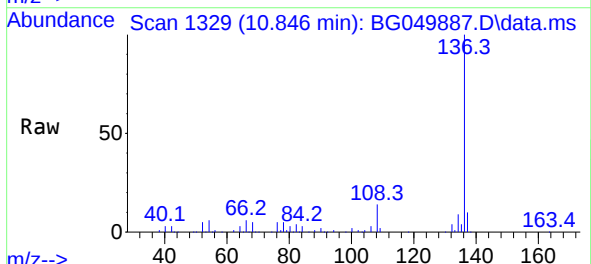
Instrument :
BNA_G
ClientSampled :
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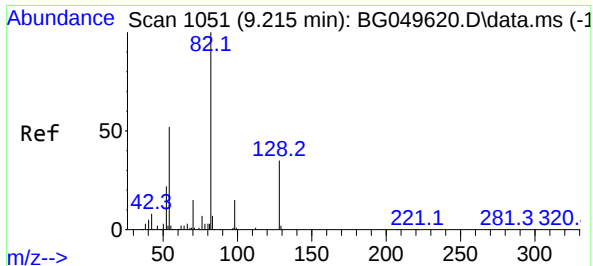
Tgt Ion: 99 Resp: 297800
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 47.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:136 Resp: 150614
Ion Ratio Lower Upper
136 100
137 9.9 8.2 12.2
54 6.1 5.5 8.3
68 4.7 2.3 3.5#

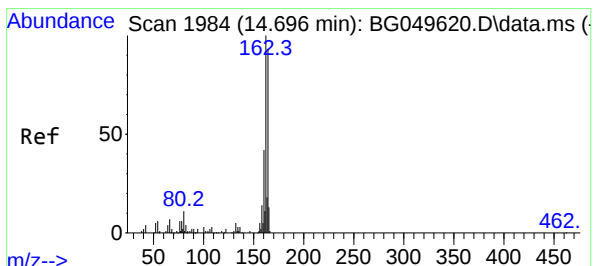
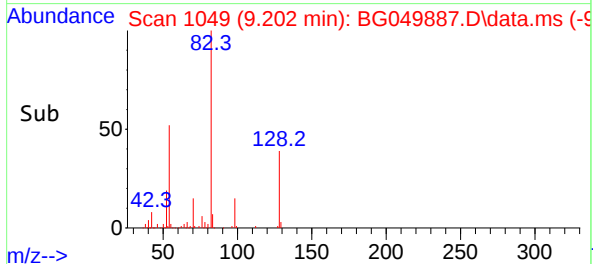
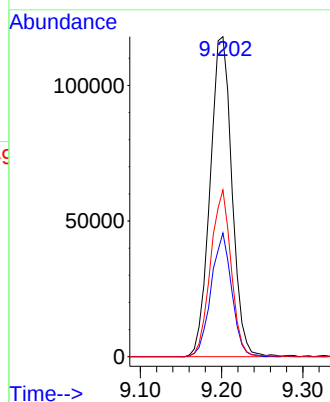
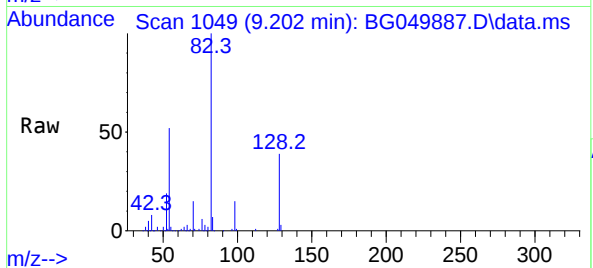




#23
Nitrobenzene-d5
Concen: 64.846 ng
RT: 9.202 min Scan# 1049
Delta R.T. 0.005 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

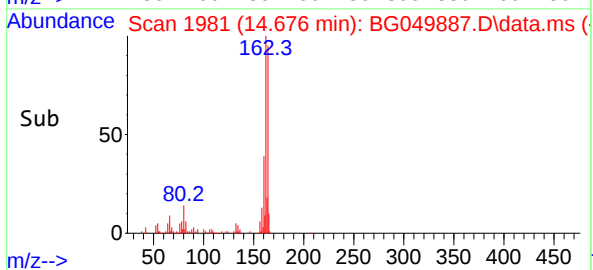
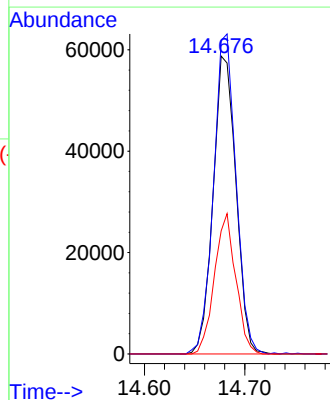
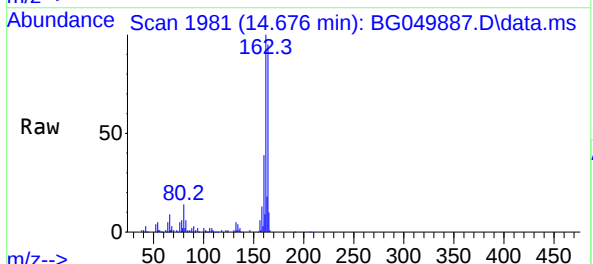
Instrument :
BNA_G
ClientSampled :
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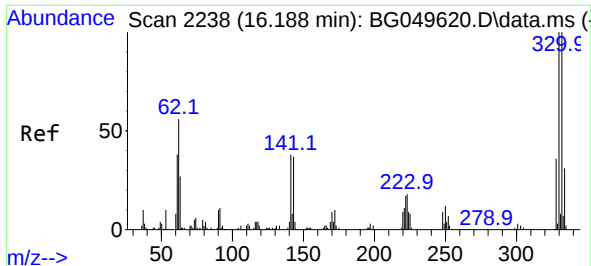
Tgt Ion: 82 Resp: 220710
Ion Ratio Lower Upper
82 100
128 38.6 29.8 44.6
54 52.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.676 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:164 Resp: 93153
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 41.3 34.9 52.3

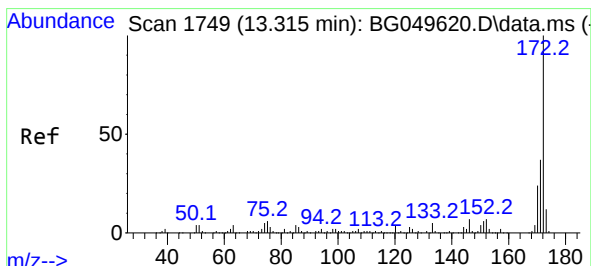
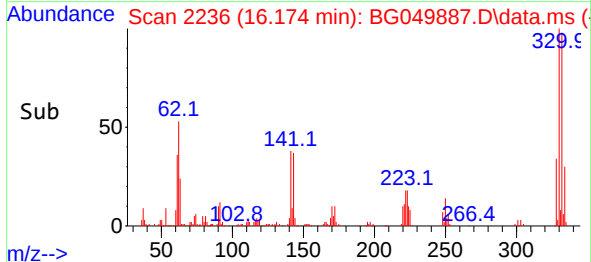
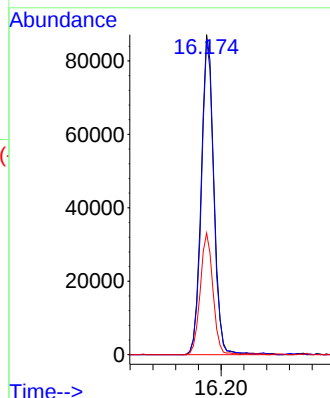
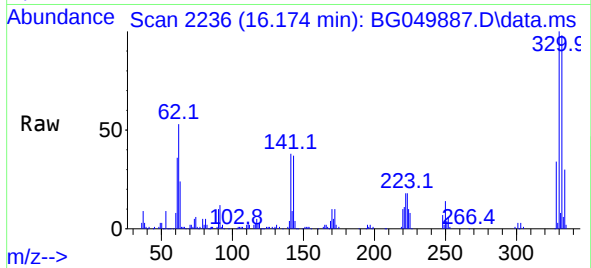




#42
2,4,6-Tribromophenol
Concen: 98.440 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

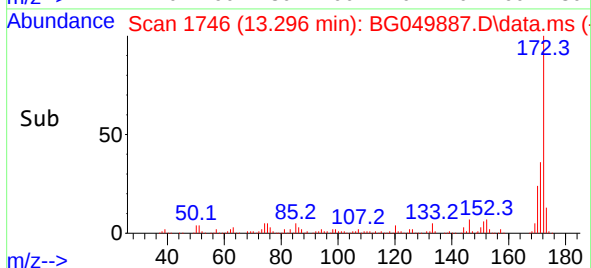
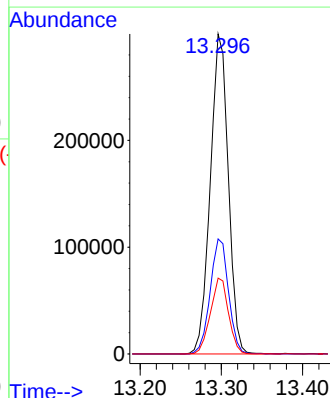
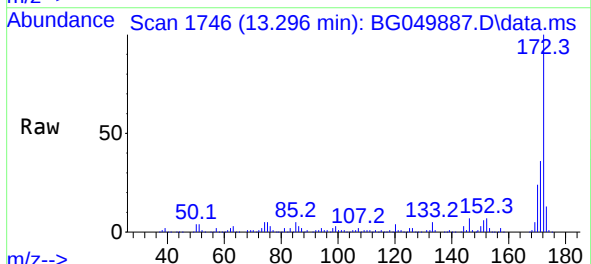
Instrument :
BNA_G
ClientSampled :
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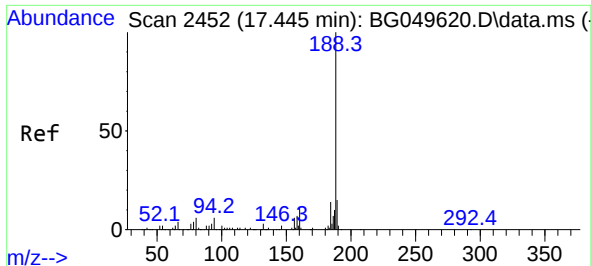
Tgt Ion:330 Resp: 134787
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 37.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 72.031 ng
RT: 13.296 min Scan# 1746
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:172 Resp: 461138
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.7 18.6 27.8

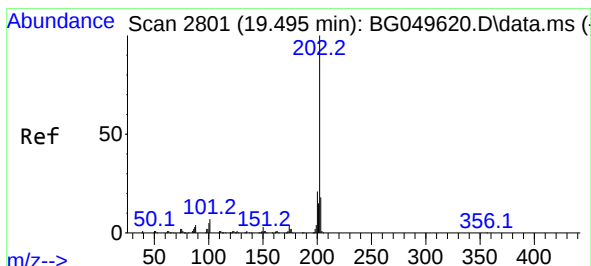
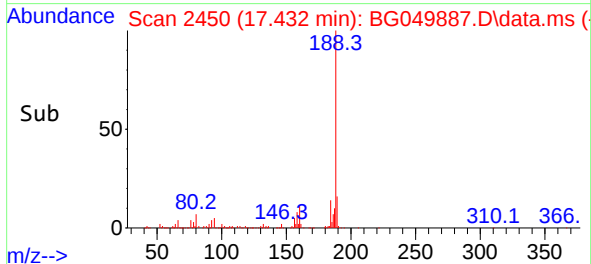
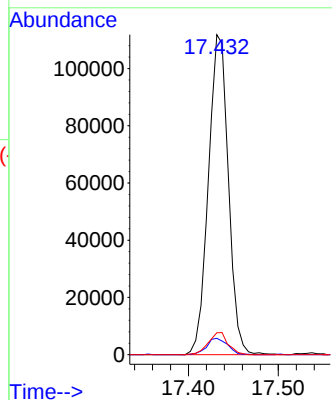
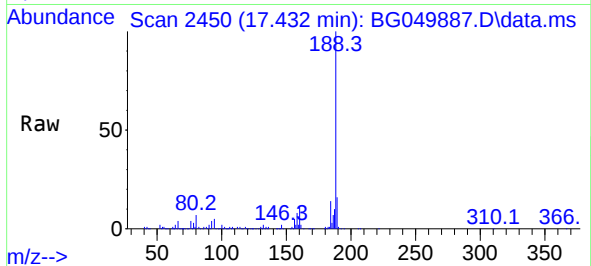




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

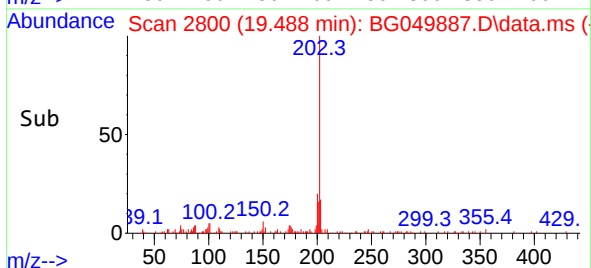
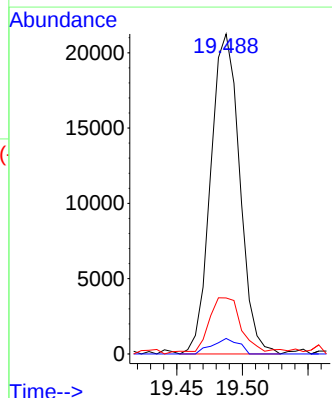
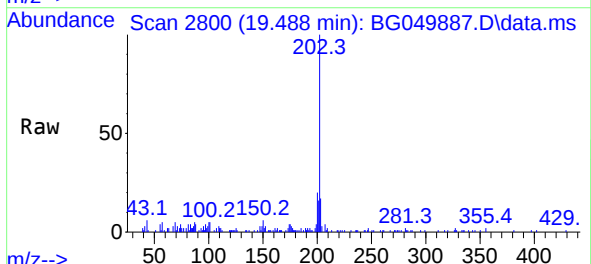
Instrument :
BNA_G
ClientSampled :
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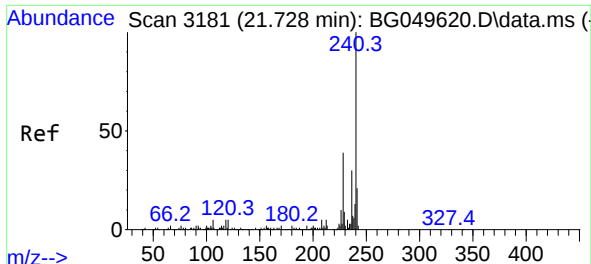
Tgt Ion:188 Resp: 172953
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.8 3.7 5.5#



#75
Fluoranthene
Concen: 2.916 ng
RT: 19.488 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:202 Resp: 32646
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.7
203 17.5 0.0 38.5

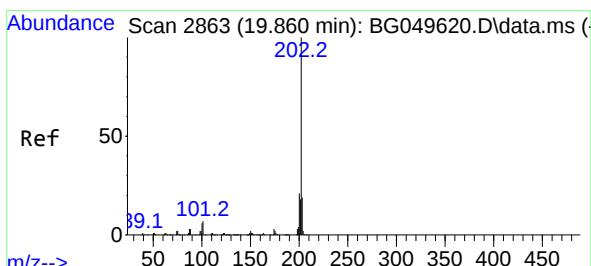
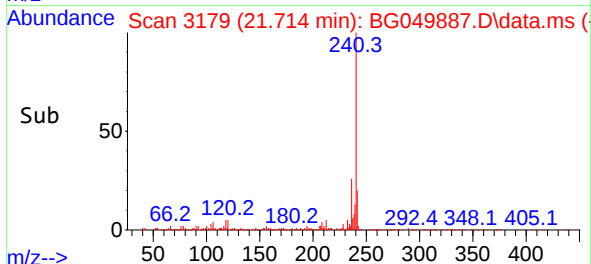
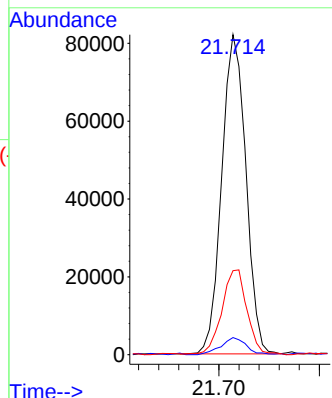
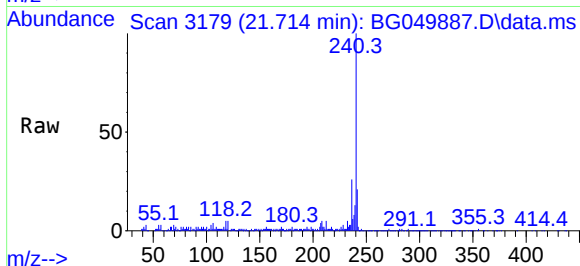




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

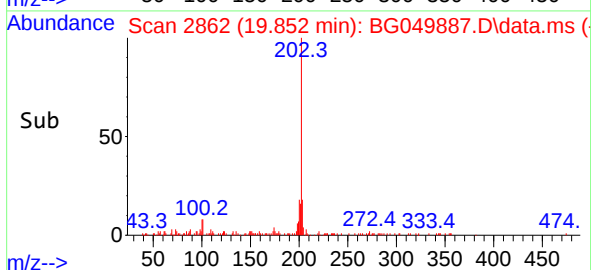
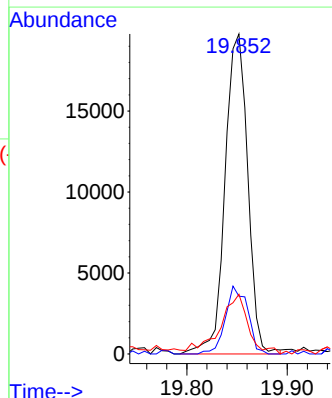
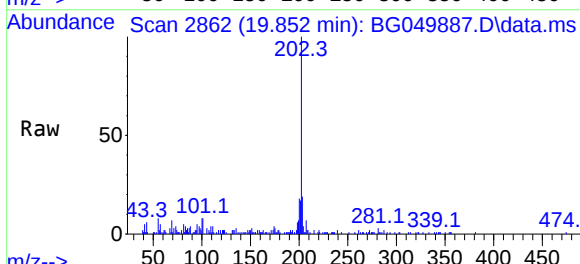
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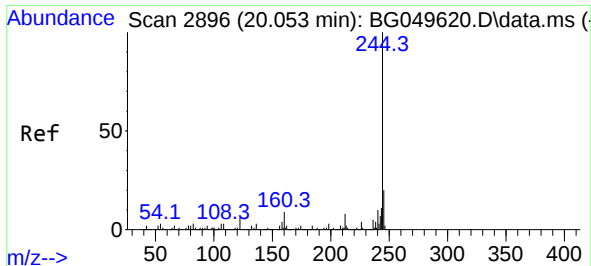
Tgt Ion:240 Resp: 136854
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 26.3 21.8 32.6



#78
Pyrene
Concen: 3.325 ng
RT: 19.852 min Scan# 2862
Delta R.T. -0.001 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:202 Resp: 31023
Ion Ratio Lower Upper
202 100
200 18.0 15.8 23.8
203 18.7 14.6 21.8

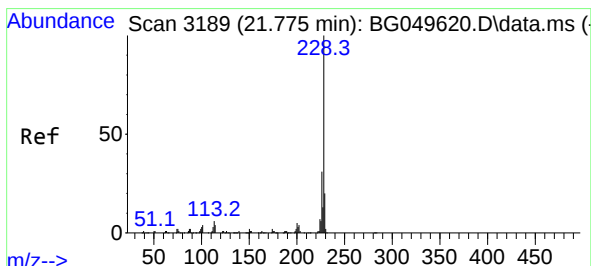
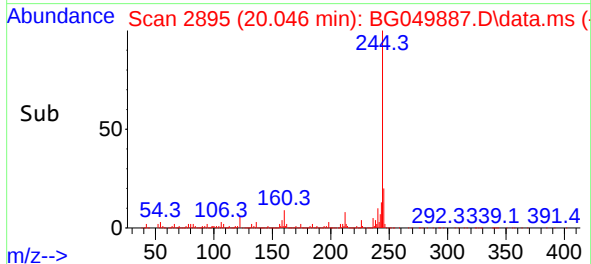
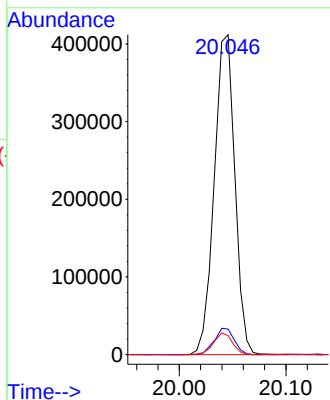
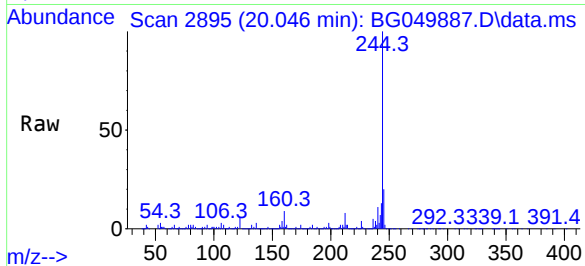




#79
Terphenyl-d14
Concen: 73.249 ng
RT: 20.046 min Scan# 2895
Delta R.T. -0.001 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

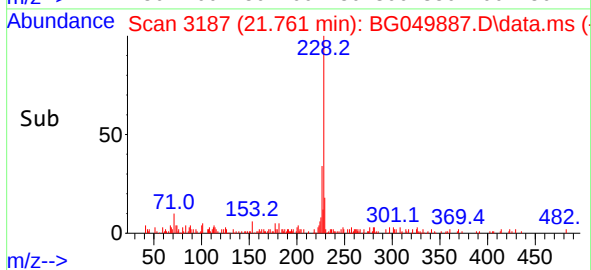
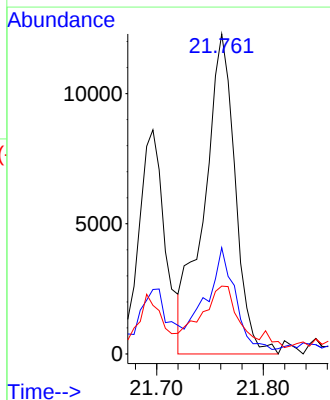
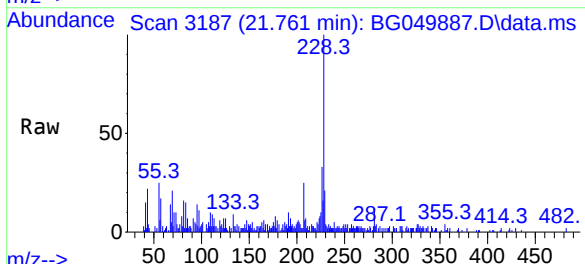
Instrument :
BNA_G
ClientSampled :
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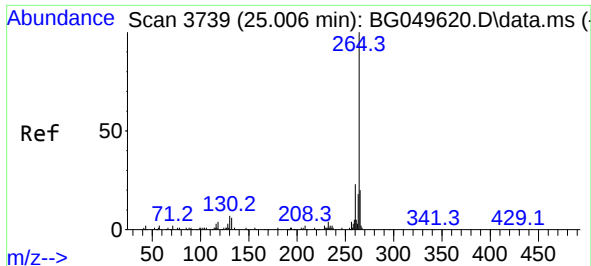
Tgt Ion:244 Resp: 551940
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 5.9 5.0 7.6



#83
Chrysene
Concen: 2.926 ng
RT: 21.761 min Scan# 3187
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Tgt Ion:228 Resp: 24927
Ion Ratio Lower Upper
228 100
226 33.2 23.1 34.7
229 21.2 15.3 22.9

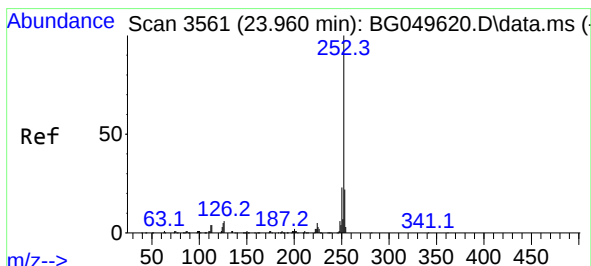
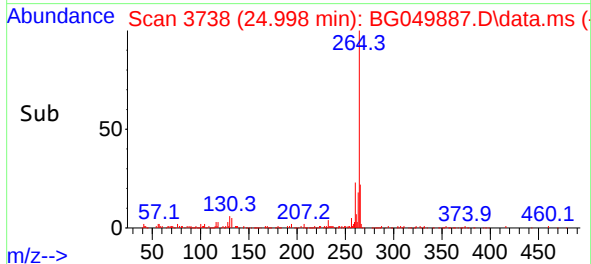
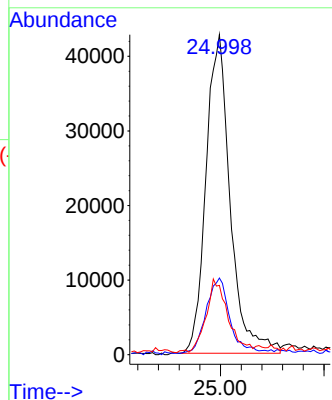
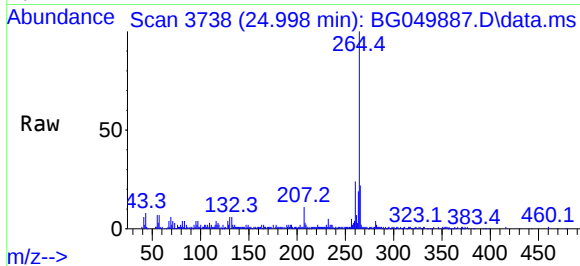




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3738
Delta R.T. 0.010 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

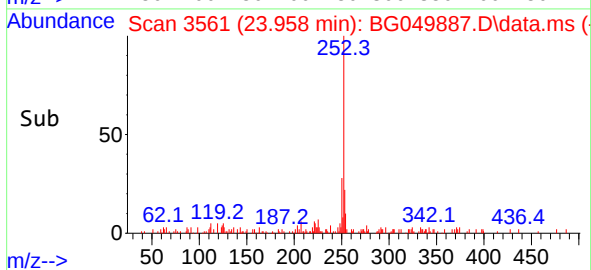
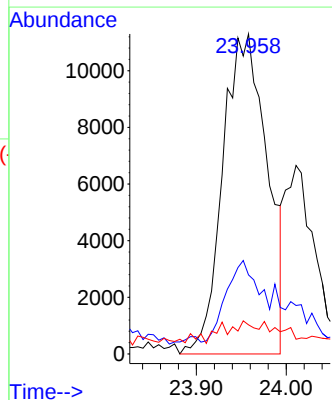
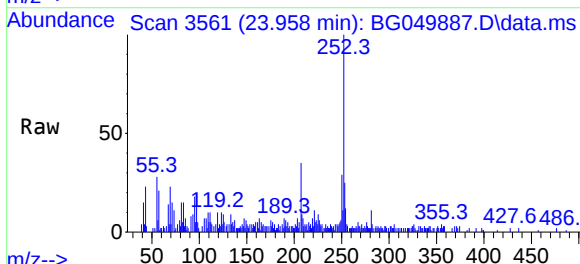
Instrument :
BNA_G
ClientSampled :
3

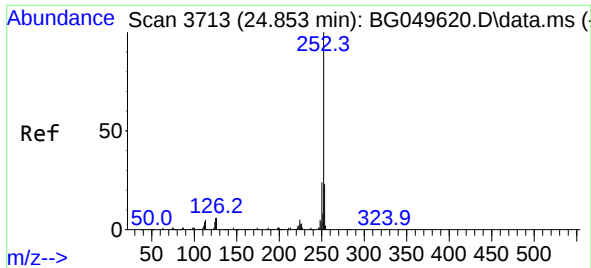
Tgt Ion:264 Resp: 138926
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 4.252 ng
RT: 23.958 min Scan# 3561
Delta R.T. 0.005 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

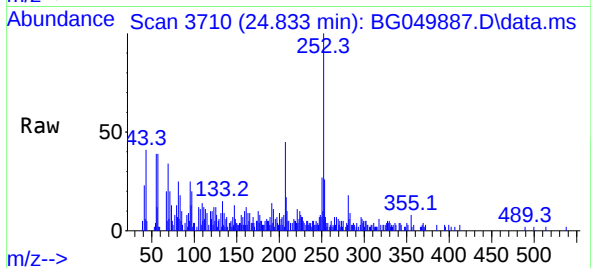
Tgt Ion:252 Resp: 38742
Ion Ratio Lower Upper
252 100
253 24.7 16.2 24.4#
125 9.1 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.662 ng
RT: 24.833 min Scan# 3710
Delta R.T. -0.007 min
Lab File: BG049887.D
Acq: 17 Aug 2021 21:16

Instrument :
BNA_G
ClientSampleId :
3



Tgt Ion:252 Resp: 21947
Ion Ratio Lower Upper
252 100
253 25.8 16.6 25.0#
125 11.7 3.5 5.3#

